

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013487.D
 Acq On : 26 Apr 2023 20:30
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/27/2023
 Supervised By :Mahesh Dadoda 04/27/2023

Quant Time: Apr 27 01:40:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	165294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	274131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	245039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	104836	57.857	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.720%			
35) Dibromofluoromethane	7.716	113	91487	53.062	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.120%			
50) Toluene-d8	10.179	98	315715	51.474	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.940%			
62) 4-Bromofluorobenzene	12.477	95	111432	53.890	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	89164	56.741	ug/l	99
3) Chloromethane	2.113	50	132796	63.045	ug/l	99
4) Vinyl Chloride	2.253	62	127030	60.568	ug/l	97
5) Bromomethane	2.656	94	119250	71.351	ug/l	98
6) Chloroethane	2.796	64	93774	64.721	ug/l	95
7) Trichlorofluoromethane	3.125	101	167644	52.765	ug/l	96
8) Diethyl Ether	3.528	74	61175	56.542	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.900	101	94992	53.302	ug/l	92
10) Methyl Iodide	4.088	142	117147	52.336	ug/l	97
11) Tert butyl alcohol	4.979	59	66986	328.013	ug/l #	79
12) 1,1-Dichloroethene	3.869	96	89114	51.875	ug/l	82
13) Acrolein	3.735	56	42224	267.311	ug/l	94
14) Allyl chloride	4.479	41	180929	56.761	ug/l	95
15) Acrylonitrile	5.161	53	204572	337.616	ug/l	98
16) Acetone	3.954	43	176969	248.002	ug/l	98
17) Carbon Disulfide	4.192	76	288084	51.626	ug/l	98
18) Methyl Acetate	4.479	43	159426	67.645	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	307722	62.047	ug/l	96
20) Methylene Chloride	4.716	84	119719	54.241	ug/l #	80
21) trans-1,2-Dichloroethene	5.216	96	104152	55.451	ug/l	92
22) Diisopropyl ether	6.119	45	394477	63.316	ug/l	93
23) Vinyl Acetate	6.058	43	1170646m	331.859	ug/l	
24) 1,1-Dichloroethane	6.015	63	204662	58.941	ug/l	99
25) 2-Butanone	6.990	43	297876	329.154	ug/l	92
26) 2,2-Dichloropropane	6.984	77	160828	53.751	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	119726	57.692	ug/l	93
28) Bromochloromethane	7.338	49	78369	63.601	ug/l #	74
29) Tetrahydrofuran	7.350	42	209309	371.558	ug/l	89
30) Chloroform	7.503	83	206376	59.778	ug/l	100
31) Cyclohexane	7.783	56	174896	53.910	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	173653	56.368	ug/l	96
36) 1,1-Dichloropropene	7.917	75	151810	53.053	ug/l	97
37) Ethyl Acetate	7.076	43	142651	66.246	ug/l #	94
38) Carbon Tetrachloride	7.899	117	156346	52.130	ug/l	95
39) Methylcyclohexane	9.185	83	175890	52.140	ug/l	96
40) Benzene	8.161	78	434329	53.884	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013487.D
 Acq On : 26 Apr 2023 20:30
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 27 01:40:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/27/2023
 Supervised By :Mahesh Dadoda 04/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	53950m	53.764	ug/l	
42) 1,2-Dichloroethane	8.234	62	154056	58.460	ug/l	98
43) Isopropyl Acetate	8.271	43	234244	64.447	ug/l	94
44) Trichloroethene	8.941	130	110038	51.322	ug/l	92
45) 1,2-Dichloropropane	9.216	63	120062	56.968	ug/l	96
46) Dibromomethane	9.301	93	72872	57.788	ug/l	91
47) Bromodichloromethane	9.496	83	160683	56.946	ug/l	99
48) Methyl methacrylate	9.289	41	108845	65.205	ug/l	91
49) 1,4-Dioxane	9.313	88	24256	1346.817	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	702999	347.093	ug/l	95
52) Toluene	10.240	92	266005	54.840	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	173298	58.031	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	190333	56.642	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	97876	58.610	ug/l	96
56) Ethyl methacrylate	10.508	69	148725	64.194	ug/l #	85
57) 1,3-Dichloropropane	10.789	76	168145	59.453	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	270433	311.285	ug/l	91
59) 2-Hexanone	10.831	43	504562	342.704	ug/l	96
60) Dibromochloromethane	10.984	129	117606	58.000	ug/l	99
61) 1,2-Dibromoethane	11.087	107	98169	59.792	ug/l	98
64) Tetrachloroethene	10.721	164	92684	49.742	ug/l	97
65) Chlorobenzene	11.514	112	279798	52.417	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	108497	54.348	ug/l	99
67) Ethyl Benzene	11.593	91	507648	54.159	ug/l	97
68) m/p-Xylenes	11.703	106	382053	107.219	ug/l	97
69) o-Xylene	12.026	106	182542	54.167	ug/l	97
70) Styrene	12.044	104	310640	55.130	ug/l	99
71) Bromoform	12.209	173	76986	55.055	ug/l #	100
73) Isopropylbenzene	12.331	105	474915	53.958	ug/l	98
74) N-amyl acetate	12.142	43	205445	65.593	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	133354	61.986	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	98493m	62.760	ug/l	
77) Bromobenzene	12.605	156	112034	52.533	ug/l	81
78) n-propylbenzene	12.666	91	591781	54.587	ug/l	96
79) 2-Chlorotoluene	12.752	91	333192	55.036	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	385319	53.637	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	46409	60.491	ug/l	93
82) 4-Chlorotoluene	12.855	91	346117	54.852	ug/l	95
83) tert-Butylbenzene	13.075	119	338251	54.348	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	385471	55.191	ug/l	99
85) sec-Butylbenzene	13.251	105	502326	53.778	ug/l	97
86) p-Isopropyltoluene	13.367	119	399721	53.214	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	210265	51.750	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	210992	51.407	ug/l	98
89) n-Butylbenzene	13.697	91	388487	52.989	ug/l	98
90) Hexachloroethane	13.959	117	83334	52.712	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	195906	53.394	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24256	63.840	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	109466	50.041	ug/l	96
94) Hexachlorobutadiene	15.111	225	58305	45.798	ug/l	99
95) Naphthalene	15.233	128	278145	58.603	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	99792	51.183	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
Data File : VY013487.D
Acq On : 26 Apr 2023 20:30
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/27/2023
Supervised By :Mahesh Dadoda 04/27/2023

Quant Time: Apr 27 01:40:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013487.D
 Acq On : 26 Apr 2023 20:30
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 27 01:40:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/27/2023
 Supervised By :Mahesh Dadoda 04/27/2023

